

ABSTRACT

~~{Problem}~~ To provide a A display device module that can supply high-speed signals with low distortion and drive high-load signal lines at high speed. ~~{Solution means}~~ A switch unit ~~that~~ rearranges multiple input signals in accordance with switching control signals and inputs them to an internal circuit, as well as multiple source drivers, are arranged that have an internal processing circuit that generates drive signals based on the prescribed signal processing according to the output signals of ~~said~~ the switch unit, switching control signals of different levels are supplied to odd- and even-numbered source drivers, the signal lines that transmit ~~said~~ the multiple input signals are wired on the substrate so as to be parallel to each other without intersecting, and the input signals are supplied to the respective source drivers, thus making it possible to shorten the branching lines between the input signal lines and the input terminals of the source drivers, suppress the reflection of signals, and suppress the distortion of signal waveforms.